

CHRISTINA B. YOUNG
 Department of Psychology
 Northwestern University
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EDUCATION

- 2017 – Present **Clinical Psychology Internship**
 Department of Psychiatry, University of Illinois at Chicago (UIC)
 College of Medicine, Chicago IL
 APA-Accredited Internship; APCS and APPIC Member
- 2014 – Present **Ph.D. Candidate, Clinical Science**
 Northwestern University, Evanston IL
 APA- and PCSAS-Accredited Program
 Defended Dissertation: *Uncovering the Neural Bases of Mood and Anxiety Disorders: Activity, Static and Dynamic Connectivity, and Machine Learning Approaches*
- 2011 – 2017 **M.S., Statistics**
 Northwestern University, Evanston IL
- 2014 – 2015 **Visiting Fellow Funded by the National Science Foundation (NSF) and Netherlands Organisation for Scientific Research (NWO)**
 Donders Institute for Brain, Cognition and Behaviour; Department of Psychiatry, Radboud University Medical Center
- 2011 – 2014 **M.S., Clinical Science**
 Northwestern University, Evanston IL
 Master's Thesis: *Anhedonia and General Distress Show Dissociable Connectivity of Ventromedial Prefrontal Cortex in Major Depressive Disorder*
- 2006 – 2009 **B.S., Psychology with Mathematics Minor**
 University of California, San Diego (UCSD), La Jolla CA
 Honors Thesis: *Depression Rates and Suicide Risk: Asian Americans and Caucasian Medical Students*

AWARDS, HONORS, AND FELLOWSHIPS

- 2017 Nominee for the Florence Sales Best TA of the Year Award, Northwestern University
- 2016 – 2017 Walter Dill Scott Scholarship, Northwestern University. Direct Costs: \$30,000.
- 2015 – 2016 Predoctoral Trainee in the Neuroscience of Human Cognition Training Program, National Institute of Health (NIH)
- 2014 – 2015 Graduate Research Opportunities Worldwide Fellowship, National Science Foundation (NSF) and Netherlands Organisation for Scientific

	Research (NWO). Direct Costs: \$24,000.
2012 – 2015	NSF Graduate Research Fellowship Program. Direct Costs: \$90,000.
2014	Travel Award, Organization for Human Brain Mapping. Award: \$700.
2009	Summa Cum Laude/Highest Distinction Honors, UCSD
2009	Research Grant, John A. Majda, M.D. Foundation
2008 – 2009	Faculty Mentor Program, UCSD
2008 – 2009	Psychology Honors Program, UCSD
2008 – 2009	Provost's Honors, UCSD
2007, 2009	Thurgood Marshall Scholar and Citizen Award, UCSD

PUBLICATIONS

- Damme, K. S., **Young, C. B.**, & Nusslock, R. (2017). Elevated nucleus accumbens structural connectivity associated with proneness to hypomania: A reward hypersensitivity perspective. *Social Cognitive and Affective Neuroscience*, *12* (6), 928-936.
- Young, C. B.**, Chen, T., Nusslock, R., Keller, J., Schatzberg, A. F., & Menon, V. (2016). Anhedonia and general distress are associated with dissociable ventromedial prefrontal cortex connectivity in major depressive disorder. *Translational Psychiatry*, *6* (5), e810.
- Young, C. B.**, Müller, B., & Tendolkar, I. (2016). Imaging functional systems in depression. In Frodl, T. (Eds.). *Systems Neuroscience in Depression*. Elsevier Science.
- Young, C. B.**, & Nusslock, R. (2016). Positive mood enhances reward-related neural activity. *Social Cognitive and Affective Neuroscience*, *11* (6), 934-944.
- Young, C. B.**, Raz, G., Everaerd, D., Beckmann, C. F., Tendolkar, I., Fernández, G., & Hermans, E. J. (2016). Dynamic shifts in large-scale brain network balance in response to arousal. *The Journal of Neuroscience*, *37* (2), 281-290.
- Young, C. B.**, van Eijndhoven, P. V., Nusslock, R., Fernández, G., Schene, A., Beckmann, C. F., & Tendolkar, I. (2016). Decreased hippocampal volume is related to white matter abnormalities in treatment-resistant depression. *International Journal of Brain Disorders and Treatment*, *2*:012.
- Nusslock, R., **Young, C. B.**, & Pornpattananangkul, N., & Damme, K. (2015). Neurophysiological and neuroimaging approaches to clinical psychology research. In R. Cautin & S. Lilienfeld (Eds.), *Encyclopedia of Clinical Psychology*. New Jersey: Wiley-Blackwell.
- Rosenberg-Lee, M., Ashkenazi, S., Chen, T., **Young, C. B.**, Geary, D. C., & Menon, V. (2015). Brain hyper-connectivity and operation-specific deficits during arithmetic problem solving in children with developmental dyscalculia. *Developmental Science*, *18* (3), 351-372.
- Nusslock, R., **Young, C. B.**, & Damme, K. S. F. (2014). Elevated reward-related neural activation as a unique biological marker of bipolar disorder: Assessment and treatment implications. *Behaviour Research and Therapy*, *62*, 74-87.

- Qin, S., **Young, C. B.**, Duan, X., Chen, T. & Menon, V. (2014). Amygdala subregional structure and intrinsic functional connectivity predicts individual differences in anxiety during early childhood. *Biological Psychiatry*, 75 (11), 892-900.
- Keller, J*, **Young, C. B.***, Kelly, E., Prater, K., Levitin, D. J., & Menon, V. (2013). Trait anhedonia is associated with reduced reactivity and connectivity of mesolimbic and paralimbic reward pathways. *Journal of Psychiatric Research*, 47 (10), 1319-1328.
- * These authors contributed equally.
- Cho, S., Metcalfe, A. W. S., **Young, C. B.**, Ryali, S., Geary, D. C., & Menon, V. (2012). Hippocampal-prefrontal engagement and dynamic causal interactions in the maturation of children's fact retrieval. *Journal of Cognitive Neuroscience*, 24 (9), 1849-1866.
- Qin, S., **Young, C. B.**, Supekar, K., Uddin, L. Q., & Menon, V. (2012). Immature integration and segregation of emotion-related brain circuitry in young children. *Proceedings of the National Academy of Sciences*, 109 (20), 7941-7946.
- Fang, D. Z., **Young, C. B.**, Golshan, S., Moutier, C., & Zisook, S. (2012). Burnout in premedical undergraduate students. *Academic Psychiatry*, 36 (1), 11-16.
- Young, C. B.**, Wu, S., & Menon, V. (2012). Neurodevelopmental basis of math anxiety. *Psychological Science*, 23 (5), 492-501.
- Rosenberg-Lee, M., Chang, T. T., **Young, C. B.**, Wu, S., & Menon, V. (2011). Functional dissociations between four basic arithmetic operations in the human parietal cortex: A cytoarchitectonic mapping study. *Neuropsychologia*, 49 (9), 2592-2608.
- Uddin, L. Q., Menon, V., **Young, C. B.**, Ryali, S., Chen, T., Khouzam, A., Minshew, N. J., Hardan, A. Y. (2011). Multivariate searchlight classification of structural magnetic resonance imaging in children and adolescents with Autism. *Biological Psychiatry*, 70 (9), 833-841.
- Fang, D. Z., **Young, C. B.**, Golshan, S., Fellows, I., Moutier, C., & Zisook, S. (2010). Depression in premedical undergraduates: A cross-sectional survey. *The Primary Care Companion to the Journal of Clinical Psychiatry*, 12 (6).
- Young, C. B.**, Fang, D. Z., & Zisook, S. (2010). Depression in Asian-American and Caucasian undergraduate students. *Journal of Affective Disorders*, 125 (1), 379-382.

POSTERS AND PRESENTATIONS

- Nusslock, R., **Young, C. B.**, Damme, K. S. F., & Alloy, L. B. (2017, December). *Abnormalities in reward-related neural circuitry in unipolar depression versus bipolar depression*. Paper accepted for presentation at the annual meeting of the American Academy of Neuropsychopharmacology, Palm Springs CA, USA.
- Nusslock, R., **Young, C. B.**, Damme, K. S. F., & Alloy, L. B. (2017, November). *Unipolar depression and bipolar depression characterized by distinct profiles of reward-related functional and structural neural connectivity*. Paper accepted for presentation at the annual meeting of the Association for Behavioral and Cognitive Therapies, San Diego CA, USA.
- Alloy, L. B., Ng, T., Titone, M., Bart, C., Damme, K. S. F., **Young, C. B.**, Chein, J., & Nusslock, R. (2017, September). *Blunted neural reward responsiveness predicts prospective depressive episodes*. Paper presented at the annual meeting of the Society for Research in Psychopathology, Denver CO, USA.
- Armstrong, C., **Young, C. B.**, Damme, K. S. F., Carroll, A. & Nusslock, R. (2017, September). *Relationship between resting state network connectivity and affective*

- temperament*. Poster presented at the annual meeting of the Society for Research in Psychopathology, Denver CO, USA.
- Bart, C., Nusslock, R., **Young, C. B.**, Damme, K. S. F., Ng, T., Titone, M., Downey, P., Siegel, D., & Alloy, L. B. (2017, September). *Substance use frequency predicts decreased activity in reward-related neural networks during reward anticipation*. Poster presented at the annual meeting of the Society for Research in Psychopathology, Denver CO, USA.
- Carroll, A., Nusslock, R., **Young, C. B.**, Damme, K. S. F., Titone, M., Bart, C., Ng, T., & Alloy, L. B. (2017, September). *Neural features of impulsivity and reward processing in bipolar spectrum disorder*. Poster presented at the annual meeting of the Society for Research in Psychopathology, Denver CO, USA.
- Damme, K. S. F., Nusslock, R., **Young, C. B.**, Chein, J., Black, C., O'Garro-Moore, J., & Alloy, L. B. (2017, September). *Elevated reward sensitivity and bipolar spectrum diagnosis associated with reduced cortical thickness in medial orbitofrontal cortex*. Poster presented at the annual meeting of the Society for Research in Psychopathology, Denver CO, USA.
- Titone, M., Ng, T., Bart, C., Chein, J., Nusslock, R., **Young, C. B.**, Damme, K. S. F., & Alloy, L. B. (2017, September). *Ambitious goal striving predicts brain activation in the ventral striatum during reward anticipation*. Poster presented at the annual meeting of the Society for Research in Psychopathology, Denver CO, USA.
- Nusslock, R., **Young, C. B.**, & Damme, K. (2016, September). *Bipolar disorder and unipolar depression are characterized by distinct profiles of reward-related functional and structural connectivity*. Paper presented at the annual meeting of the Society for Research in Psychopathology, Baltimore MD, USA.
- Hoch, V. L., Damme, K. S., **Young, C. B.**, & Nusslock, R. (2016, May). *Individuals with elevated reward sensitivity display reduced cortical thickness in the medial orbitofrontal cortex and anterior cingulate cortex*. Poster presented at the annual meeting of the Association of Psychological Science, Chicago IL, USA.
- Taylor, R. L., Damme, K. S., **Young, C. B.**, & Nusslock, R. (2016, May). *Elevated depressive symptoms associated with increased white matter integrity in the uncinate fasciculus*. Poster presented for publication at the annual meeting of the Association of Psychological Science, Chicago IL, USA.
- Nusslock, R., **Young, C. B.**, Damme, K. S. F. (2016, May). *Reward related neural activation in unipolar depression and bipolar disorder: From mechanisms, to markers, to treatment*. Paper presented at the annual meeting of the Society of Biological Psychiatry, Atlanta GA, USA.
- Young, C. B.**, Raz, G., Everaerd, D., Beckmann, C. F., Tendolkar, I., Hendler, T., Fernández, G., & Hermans, E. J. (2015, October). *Dynamic shifts in large-scale brain network balance in response to acute stress*. Poster presented at the annual meeting of the Society for Neuroscience, Chicago IL, USA.
- Damme, K. S. F., **Young, C. B.**, & Nusslock, R. (2015, October). *Cortico-striatal and amygdala-striatal structural connectivity uniquely relates to risk for bipolar disorder*. Poster presented at the annual meeting of the Society for Neuroscience, Chicago IL, USA.
- Damme, K. S. F., **Young, C. B.**, & Nusslock, R. (2015, May). *Cortico-striatal tractography associated with elevated hypomanic symptoms*. Poster presented at the annual meeting of the Society of Biological Psychiatry, Toronto, Canada.
- Damme, K. S. F., **Young, C. B.**, & Nusslock, R. (2015, April). *Amygdala-striatal tract*

- integrity uniquely related to depression symptoms*. Poster presented at the annual meeting of the Wisconsin Symposium on Emotion, Madison WI, USA.
- Damme, K. S. F., **Young, C. B.**, & Nusslock, R. (2014, September). *Mood and morphology: The relationship between striatal volume, cortico-striatal white matter integrity, and mood symptomology*. Poster presented at the annual meeting of the Society for Research in Psychopathology, Evanston IL, USA.
- Young, C. B.**, Nusslock, R., Keller, J., Chen, T., Schatzberg, A. F., & Menon, V. (2014, June). *Anhedonia and general distress show dissociable connectivity of ventromedial prefrontal cortex*. Talk and Poster presented at the annual meeting of the Organization for Human Brain Mapping, Hamburg, Germany.
- Young, C. B.**, Nusslock, R., Keller, J., Chen, T., Schatzberg, A. F., & Menon, V. (2014, May). *Anhedonia and general distress show dissociable connectivity of ventromedial prefrontal cortex*. Poster presented at the annual meeting of the Society of Biological Psychiatry, New York City NY, USA.
- Young, C. B.**, Rauf, M., Shi, S., Parrish, T. B., & Nusslock, R. (2013, September). *The effect of positive mood on neural regions involved in reward processing and executive functioning*. Poster presented at the annual meeting of the Society for Research in Psychopathology, Oakland CA, USA.
- Anand, D., **Young, C. B.**, Treadway, M. T., & Nusslock, R. (2013, September). *Effect of cognitive vulnerability and personality on reward motivation*. Poster presented at the annual meeting of the Society for Research in Psychopathology, Oakland CA, USA.
- Young, C. B.**, Rauf, M., Shi, S., Parrish, T. B., & Nusslock, R. (2013, June). *Neuroplastic effects of goal-directed mood and bipolar symptoms on reward and executive function*. Poster presented at the annual meeting of the Organization for Human Brain Mapping, Seattle WA, USA.
- Nusslock, R. **Young, C. B.**, Pornpattananangkul, N., Hu, X., Parrish, T. B., & Reynolds, E. (2013, May). *Abnormalities in reward-related brain activity in subsyndromal bipolar disorder*. Talk presented at the annual meeting of the Society of Biological Psychiatry, San Francisco CA, USA.
- Young, C. B.**, Rauf, M., Shi, S., Parrish, T. B., & Nusslock, R. (2013, May). *The effect of goal-directed mood and mood symptoms on brain regions subserving reward and executive function*. Poster presented at the annual meeting of the Society of Biological Psychiatry, San Francisco CA, USA.
- Qin, S., **Young, C. B.**, Duan, X., & Menon, V. (2011, November). *Increased intrinsic functional connectivity of amygdala in young children with high levels of anxiety-depression*. Poster presented at the annual meeting of the Society for Neuroscience, Washington DC, USA.
- Cho, S., Metcalfe, A., **Young, C.**, Kondos, L., Geary, D., & Menon, V. (2011, June). *Heterogeneous hippocampal response and connectivity associated with children's math fact retrieval*. Poster presented at the annual meeting of the Organization for Human Brain Mapping, Quebec City Quebec, Canada.
- Uddin, L., Ryali, S., **Young, C.**, Chen, T., Khouzam, A., Minshew, N., Hardan, A., & Menon, V. (2011, June). *Multivariate classification of structural MRI in children with autism*. Poster presented at the annual meeting of the Organization for Human Brain Mapping, Quebec City Quebec, Canada.
- Qin, S., **Young, C.**, & Menon, V. (2011, June). *Development of differentiation in amygdalar subregional functional connectivity in young children*. Poster presented at the annual meeting of the Organization for Human Brain Mapping, Quebec, Canada.

- Young, C.**, Wu, S., & Menon, V. (2011, June). *Neurodevelopmental origins of math anxiety*. Poster presented at the annual meeting of the Organization for Human Brain Mapping, Quebec City Quebec, Canada.
- Cho, S., **Young, C.**, Geary, D., & Menon, V. (2010, June). *Longitudinal changes in brain activity related to maturation of children's mental arithmetic skills*. Poster presented at the annual meeting of the Organization for Human Brain Mapping, Barcelona, Spain.
- Rosenberg-Lee, M., **Young, C.**, Tenison, C., Geary, D., & Menon, V. (2010, June). *Neural correlates of developmental dyscalculia in children: Univariate and multivariate analysis*. Poster presented at the annual meeting of the Organization for Human Brain Mapping, Barcelona, Spain.
- Young, C. B.**, Fang, D. Z., Polich, J., & Zisook, S. (2009, June). *Depression and burnout in Asian American and Caucasian undergraduate students*. Poster presented at the annual meeting of the University of California, San Diego Psychology Honors Poster Session, La Jolla CA, USA.
- Young, C. B.**, Manwani, P., Kim, S., & Yang, T. (2009, June). *The brain and depression: Understanding adolescent depression via fMRI*. Talk presented at the annual meeting of the Faculty Mentor Program Research Symposium, La Jolla CA, USA.
- Young, C. B.**, & Zisook, S. (2009, May). *Depression and burnout in undergraduate students*. Talk presented at the annual meeting of the Stanford Undergraduate Psychology Conference, Stanford CA, USA.
- Young, C. B.**, & Zisook, S. (2009, May). *Depression and burnout in undergraduate students*. Talk presented at the annual meeting of the University of California, San Diego Undergraduate Research Conference, La Jolla CA, USA.

RESEARCH EXPERIENCE

- 2017 – Present **Psychology Intern**
Mood and Anxiety Disorders Research Program, UIC College of Medicine
Principal Investigator: K. Luan Phan, M.D.
 Spearhead resting-state and task-based fMRI studies as part of (1) an NIMH R01-funded project examining neural changes in response to selective serotonin reuptake inhibitors and cognitive behavioral therapy for mood and anxiety disorders, and (2) an NIMH K-Award-funded project examining the mechanisms of CBT for social anxiety disorder.
- 2017 – Present **Psychology Intern**
Chicago Laboratory of Emotion and Physiology, UIC
Principal Investigator: Stewart A. Shankman, Ph.D.
 Lead an fMRI study examining the neural effects of familial history of depression as part of a longitudinal multi-generational project that followed depressed and non-depressed mothers as well as their children for approximately 30 years.
- 2014 – 2017 **Graduate Research Assistant**
Risk for Bipolar Disorder: Reward-Related Brain Function and Social Rhythms (NIMH R01), Northwestern University
Principal Investigators: Robin Nusslock, Ph.D. (Northwestern

University), Lauren B. Alloy, Ph.D. (Temple University)
 Designed tasks, organized and analyzed fMRI data examining reward-related brain function. Assisted with study progress report forms. Trained study personnel at both Northwestern University and Temple University.

2015 – 2017

**Graduate Research Assistant
 Symptom Dimensions of Threat- and Reward-Related Neurocircuitry (NIMH R01), Northwestern University**

Principal Investigators: Robin Nusslock, Ph.D. (Northwestern University), Richard Zinbarg, Ph.D. (Northwestern University), Susan Y. Bookheimer, Ph.D. (UCLA), Michelle G. Craske, Ph.D. (UCLA)
 Administered and scored Structured Clinical Interviews for DSM-V (SCIDs) for young adult participants. Trained study personnel to administer SCIDs. Set up fMRI data processing pipeline.

2014 – 2015

Graduate Research Opportunities Worldwide Fellow (NSF, Netherlands Organisation for Scientific Research (NWO)), Donders Institute for Brain, Cognition and Behaviour, Radboud University Medical Center

Principal Investigators: Guillén Fernández, M.D., Ph.D., Indira Tendolkar, M.D., Ph.D., Erno J. Hermans, Ph.D., Christian F. Beckmann, Ph.D.

Spearheaded multiple neuroimaging studies including: (1) developing a new dynamic measure of network cohesion, (2) assessing how functional cohesion of large-scale brain networks change as a function of arousal, (2) examining structural brain abnormalities related to treatment-resistant depression, and (3) investigating structural brain changes due to electroconvulsive therapy for treatment-resistant depression. Collaborated across research groups at Donders as well as with researchers at Tel Aviv University in Israel.

2009 – 2011

**Social Science Research Assistant
 Stanford Cognitive and Systems Neuroscience Laboratory,
 Stanford University School of Medicine**

Principal Investigators: Jennifer Keller, Ph.D., Vinod Menon, Ph.D.

Scanned adults with major depressive disorder for a clinical trial examining effects of Pramipexole on cognitive brain function. Analyzed fMRI data.

2009 – 2011

**Social Science Research Assistant
 Stanford Cognitive and Systems Neuroscience Laboratory,
 Stanford University School of Medicine**

Principal Investigator: Vinod Menon, Ph.D.

Conducted behavioral and neuroimaging studies examining: (1) dyscalculia through longitudinal design, (2) the effects of math remediation, and (3) cognitive and mathematical processing in high-functioning autism. Duties included administering neuropsychological assessments to children; managing team of neuropsychological assessors and tutors; delivering math interventions for children with dyscalculia; designing websites for participant recruitment; recruiting

and scheduling participants; collecting MRI, fMRI and behavioral data from children with high-functioning autism and dyscalculia; analyzing imaging and behavioral data using SPM, FSL and SPSS; creating database to organize data for over 200 participants; managing lab.

- 2008 – 2009 **Honors Thesis**
Department of Psychology, UCSD and VA San Diego
Committee Members: Sidney Zisook, M.D., John Polich, Ph.D.
 Created web-based survey to assess depression and burnout.
 Collected and analyzed data from over 2400 undergraduate students.
- 2008 – 2009 **Undergraduate Research Assistant**
Adolescent Depression Neuroimaging Laboratory, UCSD and VA San Diego
Principal Investigator: Tony Yang, M.D., Ph.D.
 Recruited adolescents with depression for fMRI study.
- 2008 **Undergraduate Research Assistant**
Culture and Emotion Laboratory, Stanford University
Principal Investigator: Jeanne L. Tsai, Ph.D.
 Designed stimuli. Recruited subjects. Conducted experiments studying the relationship between culture and affect evaluation. Coded video recordings using the Facial Action Coding System.
- 2008 **Undergraduate Research Assistant**
Emotion Laboratory, UCSD
Principal Investigator: Christine R. Harris, Ph.D.
 Designed stimuli and conducted experiments exploring the relation between sense of power, emotion and decision-making.

CLINICAL EXPERIENCE

- Beginning 2018 **Psychology Intern,**
Family Medicine Clinic, UIC College of Medicine
Supervisor: Adrienne A. Williams, Ph.D.
 Provide live supervision to family medicine residents during primary care sessions as they conduct medical interviews and non-sensitive exams. Give feedback to residents on behavioral medicine skills according to their curriculum year. Model appropriate skills for residents when necessary.
- 2017 – Present **Psychology Intern**
Neuropsychology Clinic, UIC College of Medicine
Supervisor: Neil H. Pliskin, Ph.D., ABPP-CN; Woojin Song, Ph.D., ABPP-CN
 Conduct neuropsychological and neurodevelopmental assessments for adult inpatients and outpatients. Referrals span neuropathological conditions such as dementia, tumor, epilepsy, cerebrovascular disorders, degenerative disorders, traumatic brain injury, ADHD, learning disabilities, and developmental disorders. Develop case conceptualization through integration of history, test data, and

behavioral observation. Assist in test selection and implementation of the neuropsychological assessment, as well as report write-ups and oral communication of results to both the patient and referral source. Attend Behavioral Neurosciences Seminar and Neuropathology Rounds in accordance with the Houston Conference Model for internship training in clinical neuropsychology.

2017 – Present

**Psychology Intern
HIV/Health Prevention/Intervention Clinic, UIC College of
Medicine**

Supervisor: Geri Donenberg, Ph.D.

Provide community-based mental health services to adults with HIV/AIDS and co-occurring psychiatric disorders. Participate in syringe exchange as part of the Community Outreach Intervention Projects (COIP). Learn to operate within the Indigenous Leader Outreach Model, which employs former drug users to deliver services.

2016 – 2017

**Psychology Extern
Systemic Therapy Practicum, The Family Institute at
Northwestern University**

Supervisor: Jay Lebow, Ph.D., LMFT, ABPP

Delivered therapy that combined several evidence-based therapeutic approaches, including cognitive-behavioral and dialectical behavioral therapy. Provided therapy to couples in serious relationship distress, as well as adolescents and adults with a variety of internalizing disorders. Trained in the Family Institute Model of Integrative Problem-Centered Client-Focused Psychotherapy. Administered, scored, and interpreted symptom-based questionnaires to aid in case conceptualization, progress tracking, and treatment planning.

2015 – 2017

**Assessor
Symptom Dimensions of Threat- and Reward-Related
Neurocircuitry (NIMH R01), Northwestern University**

Supervisor: Richard Zinbarg, Ph.D.

Conducted and scored Structured Clinical Interviews for DSM-V (SCIDs) over the phone as part of a NIMH R01-funded study with UCLA. Trained study personnel to administer SCIDs.

2015 – 2016

**Psychology Extern
Dialectical Behavior Therapy Clinic, The Family Institute at
Northwestern University**

Supervisor: Michael Maslar, Psy.D.

Trained in and provided dialectical behavioral therapy (DBT) for adults and adolescents experiencing multiple complex problems, including personality disorders, substance abuse, eating disorders, self-injury, and suicidal ideation. Co-led three DBT skills training groups for (1) adolescents and their families, (2) adults, and (3) advanced adults who completed at least one year of the standard adult group. Skills group modules taught mindfulness, emotion regulation, interpersonal effectiveness, and distress tolerance skills. Provided out-of-office phone and email coaching to clients to strengthen effective behaviors.

- 2013 – 2014 **Psychology Extern**
Depression Treatment Clinic, The Family Institute at Northwestern University
Supervisor: Paula Young, Ph.D.
 Trained in and provided cognitive behavioral therapy (CBT) to adult outpatients with depressive disorders. Administered, scored, and interpreted the Hamilton Rating Scale for Depression and symptom-based questionnaires to aid in case conceptualization, treatment planning, and assessment of treatment efficacy. Received scores above the cutoff for an expected level of CBT competence in all areas of the Cognitive Therapy Rating Scale (CTRS). Trained in making reliable ratings and assessing CBT competence of other therapists using the CTRS.
- 2013 – 2014 **Psychology Extern**
Anxiety Disorder Treatment Clinic, The Family Institute at Northwestern University
Supervisor: Paula Young, Ph.D.
 Trained in and provided cognitive behavioral therapy for adults with a variety of anxiety disorders, including generalized anxiety disorder, social phobia, and specific phobia, as well as obsessive-compulsive disorder. Provided *in vivo* and imaginal exposure therapy. Administered, scored, and interpreted a variety of symptom-based questionnaires to aid in case conceptualization, treatment planning, and client progress tracking.
- 2012 – 2013 **Psychology Extern**
Diagnostic Interviewing Assessment Program, The Family Institute at Northwestern University
Supervisor: Richard Zinbarg, Ph.D.
 Trained in the administration, scoring, and interpretation of a variety of psychological assessment instruments, including the SCID, symptom measures, personality tests, and tests of cognitive functioning. Administered psychological test batteries, and provided psychological reports and referral information to adult clients seeking treatment.

TEACHING EXPERIENCE

- Fall 2016 **Teaching Assistant**
 Research Methods, Northwestern University, Instructor: William S. Horton, Ph.D.
- Fall 2015 **Teaching Assistant**
 Introduction to Neuroscience, Northwestern University, Instructor: Eric Gobel, Ph.D.
- Spring 2015 **Laboratory Demonstration Instructor**
 Neurobiology of (Mal)Adaptation, Radboud University, Nijmegen, The Netherlands
- Winter 2013 **Teaching Assistant**
 Cognitive Psychology, Northwestern University, Instructor: Lance Rips,

	Ph.D.
Spring 2012	Teaching Assistant Special Topics in Psychology: Schools of Psychotherapy, Northwestern University, Instructor: Carol Donnelly, Ph.D.
Winter 2012	Teaching Assistant Psychopathology, Northwestern University, Instructor: Susan Mineka, Ph.D.
Fall 2011	Teaching Assistant Statistical Methods in Psychology, Northwestern University, Instructor: H. David Smith, Ph.D.

INVITED PRESENTATIONS

2017	<i>Dynamic Shifts in Large-Scale Brain Network Balance as a Function of Arousal</i> Clinical Psychology Brown Bag Series, Northwestern University, Evanston IL.
2016	<i>Dynamic Shifts in Large-Scale Brain Network Balance as a Function of Arousal</i> Cognitive Brain Mapping Group, Northwestern University, Evanston IL.
2015	<i>Balance of Large-Scale Brain Networks during Stress</i> Memory and Emotion Research Group, Donders Institute for Brain, Cognition and Behaviour, Nijmegen, The Netherlands.
2014	<i>Anhedonia and General Distress Show Dissociable Connectivity of Ventromedial Prefrontal Cortex</i> Organization for Human Brain Mapping, Hamburg, Germany.
2014	<i>Anhedonia and General Distress Show Dissociable Connectivity of Ventromedial Prefrontal Cortex</i> Clinical Psychology Brown Bag Series, Northwestern University, Evanston IL.
2013	<i>Neuroplastic Effects of Goal-Directed Mood and Bipolar Symptoms on Reward and Executive Function</i> Data-Blitz sponsored by the Training Program in the Neuroscience of Human Cognition and Cognitive Brain Mapping Group, Northwestern University, Evanston IL.
2012	<i>The Effect of Goal-Directed Mood Induction on Reward-Related Brain Function and the Moderating Role of Mood Symptoms</i> Clinical Psychology Brown Bag Series, Northwestern University, Evanston IL.
2009	<i>The brain and depression: Understanding adolescent depression via fMRI</i> Faculty Mentor Program Research Symposium, UCSD, La Jolla CA.
2009	<i>Depression and burnout in undergraduate students</i> Stanford Undergraduate Psychology Conference, Stanford CA.

2009 *Depression and burnout in undergraduate students*
UCSD Undergraduate Research Conference, UCSD, La Jolla CA.

PROFESSIONAL SERVICE

2010 – Present Ad-hoc Reviewer for *The American Journal of Psychiatry, Human Brain Mapping, Frontiers in Human Neuroscience, Psychiatry Research: Neuroimaging, Journal of Clinical Psychology, Neuropsychologia, Neuroscience Letters, Academic Psychiatry*

2015 – 2016 Mentor for the Psychology Graduate Student Council, Northwestern University, Evanston IL

2014 – 2015 Editor-in-Chief of Headlines: Quarterly Newsletter of the Donders Centre for Cognitive Neuroimaging

2012 – 2013 Panelist in the Ph.D. Preparation Program, Northwestern University, Evanston IL